

10/588527

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(FILE 'HOME' ENTERED AT 11:24:59 ON 11 SEP 2008)

FILE 'REGISTRY' ENTERED AT 11:25:06 ON 11 SEP 2008

L1 STRUCTURE UPLOADED  
L2 0 SEA SSS SAM L1

FILE 'ZCAPLUS' ENTERED AT 11:27:23 ON 11 SEP 2008

E US2006-588527/APPS  
L3 8 SEA ABB=ON PLU=ON US2006-588527/APPS  
SEL RN

FILE 'REGISTRY' ENTERED AT 11:28:28 ON 11 SEP 2008

L4 181 SEA ABB=ON PLU=ON (261716-94-3/BI OR 107-21-1/BI OR 110-63-4/  
BI OR 111-29-5/BI OR 111-46-6/BI OR 126-30-7/BI OR 3010-96-6/BI  
OR 504-63-2/BI OR 57-55-6/BI OR 629-11-8/BI OR 7440-31-5/BI  
OR 7664-38-2/BI OR 818-08-6/BI OR 100-21-0/BI OR 1021869-96-4/B  
I OR 1021879-93-5/BI OR 115-86-6/BI OR 1241-94-7/BI OR  
126-73-8/BI OR 1310-65-2/BI OR 1310-73-2/BI OR 1330-78-5/BI OR  
1806-54-8/BI OR 185625-67-6/BI OR 25190-06-1/BI OR 2528-36-1/BI  
OR 2694-23-7/BI OR 27193-25-5/BI OR 3039-96-1/BI OR 37208-27-8  
/BI OR 546-68-9/BI OR 589-29-7/BI OR 7429-90-5/BI OR 7439-93-2/  
BI OR 7439-95-4/BI OR 7439-96-5/BI OR 7440-32-6/BI OR 7440-36-0  
/BI OR 7440-48-4/BI OR 7440-55-3/BI OR 7440-56-4/BI OR  
7440-66-6/BI OR 7723-14-0/BI OR 78-42-2/BI OR 9003-53-6/BI OR  
102-28-3/BI OR 102-39-6/BI OR 104-94-9/BI OR 105-08-8/BI OR  
1067-33-0/BI OR 1072-84-0/BI OR 1076-97-7/BI OR 108-00-9/BI OR  
109-55-7/BI OR 109-85-3/BI OR 110-15-6/BI OR 110-17-8/BI OR  
110-94-1/BI OR 110-99-6/BI OR 111-20-6/BI OR 118-41-2/BI OR  
121-91-5/BI OR 123-99-9/BI OR 124-04-9/BI OR 138-41-0/BI OR  
144-19-4/BI OR 1692-15-5/BI OR 1759-53-1/BI OR 19335-11-6/BI  
OR 2215-89-6/BI OR 22326-31-4/BI OR 2273-45-2/BI OR 23850-94-4/  
BI OR 245106-28-9/BI OR 25640-14-6/BI OR 263244-38-8/BI OR  
263244-39-9/BI OR 2734-70-5/BI OR 27479-68-1/BI OR 28604-87-7/B  
I OR 348-54-9/BI OR 36487-02-2/BI OR 3764-01-0/BI OR 3971-28-6/  
BI OR 406463-06-7/BI OR 4388-97-0/BI OR 471294-42-5/BI OR  
504-24-5/BI OR 5071-96-5/BI OR 52516-13-9/BI OR 527-72-0/BI OR  
536-90-3/BI OR 54699-92-2/BI OR 54994-24-0/BI OR 5585-33-1/BI  
OR 57-66-9/BI OR 57260-73-8/BI OR 582-33-2/BI OR 587-48-4/BI  
OR 59-67-6/BI OR 591-27-5/BI OR 62-53-3/BI OR 629-41-4/BI OR  
6299-25-8/BI OR 63-74-1/BI OR 6967-12-0/BI OR 73183-34-3/BI OR  
74299-91-5/BI OR 7663-77-6/BI OR 790-83-0/BI OR 80-05-7/BI OR  
833486-94-5/BI OR 863327-63

L5 65 SEA ABB=ON PLU=ON NCNC3/ES AND L4  
L6 STRUCTURE UPLOADED  
L7 2 SEA SSS SAM L6  
D SCA  
L8 STRUCTURE UPLOADED  
L9 17 SEA SSS SAM L8  
D SCA  
D STAT QUE L9  
L10 1714 SEA SSS FUL L8  
SAVE TEMP L10 SZN527STR8L/A

FILE 'STNGUIDE' ENTERED AT 11:44:51 ON 11 SEP 2008

FILE 'REGISTRY' ENTERED AT 11:51:35 ON 11 SEP 2008

L11 16 SEA SUB=L10 SSS SAM L6

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L12            280 SEA SUB=L10 SSS FUL L6  
              SAVE TEMP SZN527STR6L/A L12

FILE 'ZCAPLUS' ENTERED AT 11:53:37 ON 11 SEP 2008

L13            880 SEA ABB=ON PLU=ON L10  
L14            32 SEA ABB=ON PLU=ON L12

FILE 'REGISTRY' ENTERED AT 11:54:02 ON 11 SEP 2008

L15            2 SEA SUB=L10 SSS SAM L1  
              D SCA

L16            49 SEA SUB=L10 SSS FUL L1  
              SAVE TEMP SZN527STR1L/A L16

FILE 'ZCAPLUS' ENTERED AT 11:54:52 ON 11 SEP 2008

L17            5 SEA ABB=ON PLU=ON L16

FILE 'BEILSTEIN' ENTERED AT 11:55:36 ON 11 SEP 2008

L18            0 SEA SSS SAM L1  
L19            0 SEA SSS FUL L1

FILE 'WPIX' ENTERED AT 11:56:26 ON 11 SEP 2008

L20            3 SEA SSS SAM L1  
L21            38 SEA SSS FUL L1  
L22            1 SEA ABB=ON PLU=ON L21/DCR

FILE 'MARPAT' ENTERED AT 11:57:06 ON 11 SEP 2008

L23            7 SEA SSS SAM L1  
L24            125 SEA SSS FUL L1  
L25            STRUCTURE UPLOADED  
L26            1 SEA SUB=L24 SSS SAM L25  
L27            14 SEA SUB=L24 SSS FUL L25

FILE 'ZCAPLUS' ENTERED AT 12:05:47 ON 11 SEP 2008

L28            6566 SEA ABB=ON PLU=ON HASEGAWA M?/AU  
L29            2265 SEA ABB=ON PLU=ON TAKADA M?/AU  
L30            108 SEA ABB=ON PLU=ON WASHIO Y?/AU  
L31            7 SEA ABB=ON PLU=ON L28 AND (L29 OR L30)  
L32            2 SEA ABB=ON PLU=ON L29 AND L30  
L33            8 SEA ABB=ON PLU=ON (L31 OR L32)  
L34            4820 SEA ABB=ON PLU=ON PYRIMIDINON?/BI  
L35            2 SEA ABB=ON PLU=ON (L28 OR L29 OR L30) AND L34  
L36            1 SEA ABB=ON PLU=ON L33 AND L35

FILE 'MEDLINE, EMBASE, BIOSIS' ENTERED AT 12:08:05 ON 11 SEP 2008

FILE 'MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 12:08:09 ON 11 SEP 2008

L37            12 SEA ABB=ON PLU=ON L33  
L38            4 SEA ABB=ON PLU=ON L35

FILE 'REGISTRY' ENTERED AT 12:08:49 ON 11 SEP 2008

FILE 'ZCAPLUS' ENTERED AT 12:08:52 ON 11 SEP 2008

              D STAT QUE L33  
              D STAT QUE L35

L39            9 SEA ABB=ON PLU=ON L33 OR L35

FILE 'MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 12:09:11 ON 11 SEP 2008

              D STAT QUE L37  
              D STAT QUE L38

L40            15 SEA ABB=ON PLU=ON L37 OR L38

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FILE 'ZCAPLUS, MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 12:09:32 ON 11 SEP 2008

L41           10 DUP REM L39 L40 (14 DUPLICATES REMOVED)  
                  ANSWERS '1-9' FROM FILE ZCAPLUS  
                  ANSWER '10' FROM FILE BIOSIS  
          D IBIB ABS HITIND L41 1-9  
          D IALL L41 10

FILE 'REGISTRY' ENTERED AT 12:10:30 ON 11 SEP 2008

FILE 'ZCAPLUS' ENTERED AT 12:10:32 ON 11 SEP 2008  
  D STAT QUE L17

FILE 'BEILSTEIN' ENTERED AT 12:10:41 ON 11 SEP 2008  
  D STAT QUE L19

FILE 'WPIX' ENTERED AT 12:10:54 ON 11 SEP 2008  
  D STAT QUE L22

FILE 'MARPAT' ENTERED AT 12:11:05 ON 11 SEP 2008  
  D STAT QUE L27

L42           FILE 'ZCAPLUS, WPIX, MARPAT' ENTERED AT 12:11:20 ON 11 SEP 2008  
          17 DUP REM L17 L19 L22 L27 (3 DUPLICATES REMOVED)  
                  ANSWERS '1-5' FROM FILE ZCAPLUS  
                  ANSWERS '6-17' FROM FILE MARPAT  
          D IBIB ABS HITSTR L42 1-5  
          D IBIB ABS QHIT L42 6-17

FILE 'REGISTRY' ENTERED AT 12:13:45 ON 11 SEP 2008

L43           FILE 'ZCAPLUS' ENTERED AT 12:13:49 ON 11 SEP 2008  
          D STAT QUE L14  
          27 SEA ABB=ON PLU=ON L14 NOT L17  
          D IBIB ABS HITSTR L43 1-27

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 SEP 2008 HIGHEST RN 1048424-48-1  
DICTIONARY FILE UPDATES: 10 SEP 2008 HIGHEST RN 1048424-48-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

## FILE ZCAPLUS

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FILE COVERS 1907 - 11 Sep 2008 VOL 149 ISS 11  
FILE LAST UPDATED: 10 Sep 2008 (20080910/ED)

ZCaplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE STNGUIDE  
FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Sep 5, 2008 (20080905/UP).

FILE BEILSTEIN  
FILE LAST UPDATED ON April 1, 2008

FILE COVERS 1771 TO 2008.  
FILE CONTAINS 10,322,808 SUBSTANCES

>>>PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For more detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

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*****
* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST.          *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE    *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS.                  *
* FOR PRICE INFORMATION SEE HELP COST                           *
*****
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>>> Price change as of January 1st, 2008: Connect Time and Structure Search fees re-introduced. See NEWS and HELP COST <<<

FILE WPIX

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FILE LAST UPDATED: 6 SEP 2008 <20080906/UP>  
MOST RECENT UPDATE: 200857 <200857/DW>  
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE  
>>> Now containing more than 1.1 million chemical structures in DCR <<<

>>> IPC Reform backfile reclassifications have been loaded to the end of June 2008. No update date (UP) has been created for the reclassified documents, but they can be identified by 20060101/UPIC and 20061231/UPIC, 20070601/UPIC, 20071001/UPIC, 20071130/UPIC, 20080401/UPIC and 20080701/UPIC. ECLA reclassifications to June and US national classifications to the end of April 2008 have also been loaded. Update dates 20080401 and 20080701/UPEC and /UPNC have been assigned to these. <<<

FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,  
PLEASE VISIT:  
[http://www.stn-international.de/training\\_center/patents/stn\\_guide.pdf](http://www.stn-international.de/training_center/patents/stn_guide.pdf)

FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE  
<http://scientific.thomsonreuters.com/support/patents/coverage/latestupdate>

EXPLORE DERWENT WORLD PATENTS INDEX IN STN ANAVIST, VERSION 2.0:  
[http://www.stn-international.com/archive/presentations/DWPIAnaVist2\\_0608.p](http://www.stn-international.com/archive/presentations/DWPIAnaVist2_0608.p)

>>> HELP for European Patent Classifications see HELP ECLA, HELP ICO <<<

FILE MARPAT  
FILE CONTENT: 1961-PRESENT VOL 149 ISS 9 (20080905/ED)

SOME MARPAT RECORDS ARE DERIVED FROM INPI DATA FOR 1961-1987

MOST RECENT CITATIONS FOR PATENTS FROM MAJOR ISSUING AGENCIES  
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US	20080177068	24 JUL 2008
DE	202007007143	17 JUL 2008
EP	1944311	16 JUL 2008
JP	2008172059	24 JUL 2008
WO	2008089464	24 JUL 2008
GB	2444641	11 JUN 2008
FR	2911339	18 JUL 2008
RU	2330029	27 JUL 2008
CA	2615024	14 JUN 2008

Expanded G-group definition display now available.

Effective December 15th the iteration and answer limits in MARPAT have increased from 100,000 to 200,000 for both on-line and batch searches. For more information on MARPAT search limits, type HELP SLIMITS at an arrow prompt.

FILE MEDLINE  
FILE LAST UPDATED: 10 Sep 2008 (20080910/UP). FILE COVERS 1949 TO DATE.

MEDLINE has been updated with the National Library of Medicine's revised 2008 MeSH terms. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate

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substance identification.

See HELP RANGE before carrying out any RANGE search.

MEDLINE Accession Numbers (ANs) for records from 1950-1977 have been converted from 8 to 10 digits. Searches using an 8 or 10 digit AN will retrieve the same record. The 10-digit ANs can be expanded, searched, and displayed in all records from 1949 to the present.

#### FILE EMBASE

FILE COVERS 1974 TO 11 Sep 2008 (20080911/ED)

EMBASE was reloaded on March 30, 2008.

EMBASE is now updated daily. SDI frequency remains weekly (default) and biweekly.

This file contains CAS Registry Numbers for easy and accurate substance identification.

Beginning January 2008, Elsevier will no longer provide EMTREE codes as part of the EMTREE thesaurus in EMBASE. Please update your current-awareness alerts (SDIs) if they contain EMTREE codes.

For further assistance, please contact your local helpdesk.

#### FILE BIOSIS

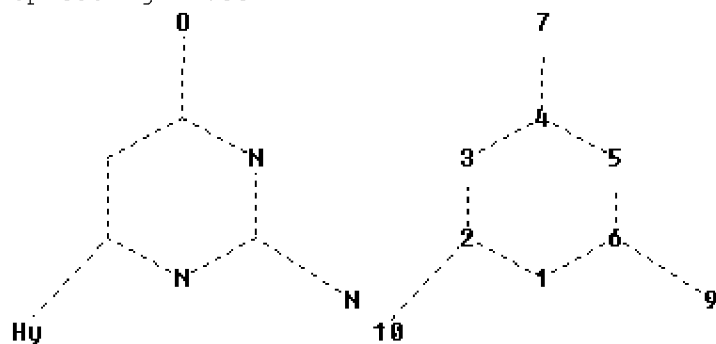
FILE COVERS 1926 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 10 September 2008 (20080910/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

Uploading L1.str



chain nodes :

7 9 10

ring nodes :

1 2 3 4 5 6

chain bonds :

2-10 4-7 6-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

10/588527

1-2 1-6 2-3 2-10 3-4 4-5 4-7 5-6 6-9

Connectivity :

1:2 E exact RC ring/chain 3:2 E exact RC ring/chain 5:2 E exact RC ring/chain  
6:3 E exact RC ring/chain 7:1 E exact RC ring/chain 9:2 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:Atom

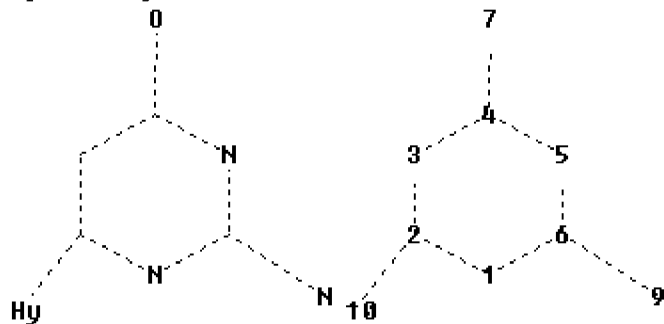
Generic attributes :

10:

Saturation : Unsaturated

Type of Ring System : Polycyclic

Uploading L6.str



chain nodes :

7 9 10

ring nodes :

1 2 3 4 5 6

chain bonds :

2-10 4-7 6-9

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 2-10 3-4 4-5 4-7 5-6 6-9

Connectivity :

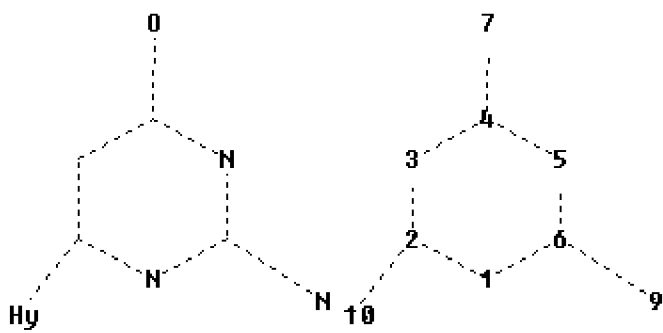
1:2 E exact RC ring/chain 3:2 E exact RC ring/chain 5:2 E exact RC ring/chain  
6:3 E exact RC ring/chain 9:2 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:Atom

Uploading L8.str

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```
chain nodes :
```

7      9      10

ring nodes :

1 2 3 4 5 6

chain bonds :

2-10      4-7      6-9

ring bonds :

1-2    1-6    2-3    3-4    4-5    5-6

exact/norm bonds :

1-2    1-6    2-3    2-10    3-4    4-5    4-7    5-6    6-9

Connectivity :

6:3 E exact RC ring/chain

Match level :

```
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  9:CLASS  10:Atom
```

Uplaoding L25.str

 $\Rightarrow$